Bruhath Bengalore Mahanagara Palike

Modified Estimate

Name of Work: Asphalting to roads at Munikondappa Layuot and surrounding areas in Ward No. 14 Bagalagunte

Name of Agency: M.S.V.Constructions Company

Job Code No : 014-19-000024

Work Order No : EE/DD/W.O/566/20219-20 Dated: 12.03.2020 | **Estimated Cost:** | **250.00** | **Lakhs**

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
1	Removing and refixing stone slabs of drains and Pointing in CM (1:3)								
	Muneshwaranagara 1st main road								
		2	231.00	0.90		415.80			
	Muneshwaranagara 4th cross road								
		2	116.00	0.90		208.80			
	Munikondappa Layout 1st cross road								
		2	183.00	0.90		329.40			
	Munikondappa Layout 2nd cross road								
		2	270.00	0.90		486.00			
	Parallel road 1st & 2nd Cross								
		2	72.00	0.90		129.60			
	Munikondappa Layout 3rd cross road								
		2	166.00	0.90		298.80			
	Munikondappa Layout 4th cross road								
		2	112.00	0.90		201.60			
	Parallel road								
		2	32.00	0.90		57.60			
	Munikondappa Layout 5th cross road								
		2	117.00	0.90		210.60			
	Munikondappa Layout 6th cross road								
		2	132.00	0.90		237.60			
	Munikondappa Layout 1st main road								
		2	194.00	0.90		349.20			
	Parallel road								
		2	36.00	0.90		64.80			
	Munikondappa Layout 1st main 1st cross road								
		2	354.00	0.90		637.20			
	1st cross road								
		2	80.00	0.90		144.00			
	2nd cross road								
		2	81.00	0.90		145.80			
	3rd cross road								
		2	80.00	0.90		144.00			
	4th cross road								
		2	80.00	0.90		144.00			
	5th cross road								
		2	75.00	0.90		135.00			
	7th A cross Defence Colony Shiva Temple								
		2	273.00	0.90		491.40			
	19th cross Bagalagunte								
		2	148.00	0.90		266.40			
	17th cross Bagalagunte								
		2	150.00	0.90		270.00			
	14th cross Bagalagunte								
		2	104.00	0.90		187.20			
	12th cross road Bagalagunte								
		2	173.00	0.90		311.40			
	10th cross Bagalagunte Spoorthi English High School								
		2	130.00	0.90		234.00			
	C Narayana Layout								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	widio Poornaprajna School 1st Main road								
		2	210.00	0.90		378.00			
	Cross road 1								
		2	45.00	0.90		81.00			
	Cross road 2								
		2	47.00	0.90		84.60			
	Cross road 3								
		2	45.00	0.90		81.00			
	Cross road 4								
		2	47.00	0.90		84.60			
	Shree kuvempunagara Main Road								
		2	117.00	0.90		210.60			
	Shree kuvempunagara 1st cross Road								
		2	130.00	0.90		234.00			
	Shree kuvempunagara 2nd cross Road								
		2	128.60	0.90		231.48			
	B/w 1st & 2nd cross								
		2	23.00	0.90		41.40			
	Munikondappa layout main road & havanoor layout main road								
		2	306.80	0.90		552.24			
	6th main High Tension wire Road								
		2	345.00	0.90		621.00			
						8700.12			
	Missing & Broken slab 20%					1740.02			
				Total Qty		6960.10	Sqm		
			As per Agreement Qty			1509.30	Sqm	116.87	176391.89
			Upto 125% Qty			377.33	Sqm	116.87	44097.97
			Above 125%			5073.47	Sqm	116.85	592854.72
2	**Removing and resetting of Kerb stones.**								
		Not Executed							
		Schedule B Qty				**437.00**	**m**	**110.19**	**0.00**
3	**Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter**								
	For Desilting								
	Muneshwaranagara 1st main road								
		2	231.00	0.60	0.50	138.60			
	Muneshwaranagara 4th cross road								
		2	116.00	0.60	0.50	69.60			
	Munikondappa Layout 1st cross road								
		2	183.00	0.60	0.50	109.80			
	Munikondappa Layout 2nd cross road								
		2	270.00	0.60	0.50	162.00			
	Parallel road 1st & 2nd Cross								
		2	72.00	0.60	0.50	43.20			
	Munikondappa Layout 3rd cross road								
		2	166.00	0.60	0.50	99.60			
	Munikondappa Layout 4th cross road								
		2	112.00	0.60	0.50	67.20			
	Parallel road								
		2	32.00	0.60	0.50	19.20			
	Munikondappa Layout 5th cross road								
		2	117.00	0.60	0.50	70.20			
	Munikondappa Layout 6th cross road								
		2	132.00	0.60	0.50	79.20			
	Munikondappa Layout 1st main road								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	Parallel road	2	194.00	0.60	0.50	116.40			
	Munikondappa Layout 1st main 1st cross road	2	36.00	0.60	0.50	21.60			
	1st cross road	2	354.00	0.60	0.50	212.40			
	2nd cross road	2	80.00	0.60	0.50	48.00			
	3rd cross road	2	81.00	0.60	0.50	48.60			
	4th cross road	2	80.00	0.60	0.50	48.00			
	5th cross road	2	80.00	0.60	0.50	48.00			
	7th A cross Defence Colony Shiva Temple	2	75.00	0.60	0.50	45.00			
	19th cross Bagalagunte	2	273.00	0.60	0.50	163.80			
	17th cross Bagalagunte	2	148.00	0.60	0.50	88.80			
	14th cross Bagalagunte	2	150.00	0.60	0.50	90.00			
	12th cross road Bagalagunte	2	104.00	0.60	0.50	62.40			
	10th cross Bagalagunte Spoorthi English High School	2	173.00	0.60	0.50	103.80			
	C Narayana Layout	2	130.00	0.60	0.50	78.00			
	widio Poornaprajna School 1st Main road	2	210.00	0.60	0.50	126.00			
	Cross road 1	2	45.00	0.60	0.50	27.00			
	Cross road 2	2	47.00	0.60	0.50	28.20			
	Cross road 3	2	45.00	0.60	0.50	27.00			
	Cross road 4	2	47.00	0.60	0.50	28.20			
	Shree kuvempunagara Main Road	2	117.00	0.60	0.50	70.20			
	Shree kuvempunagara 1st cross Road	2	130.00	0.60	0.50	78.00			
	Shree kuvempunagara 2nd cross Road	2	128.60	0.60	0.50	77.16			
	B/w 1st & 2nd cross	2	23.00	0.60	0.50	13.80			
	Munikondappa layout main road & havanoor layout main road	2	306.80	0.60	0.50	184.08			
	6th main High Tension wire Road	2	345.00	0.60	0.50	207.00			
	For Road Cutting								
	Muneshwaranagara 1st main road	2	231.00	0.90	0.25	103.95			
	Muneshwaranagara 4th cross road	2	116.00	0.90	0.25	52.20			
	Munikondappa Layout 1st cross road	2	183.00	0.90	0.25	82.35			
	Munikondappa Layout 2nd cross road	2	270.00	0.90	0.25	121.50			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	Parallel road 1st & 2nd Cross								
		2	72.00	0.90	0.25	32.40			
	Munikondappa Layout 3rd cross road								
		2	166.00	0.90	0.25	74.70			
	Munikondappa Layout 4th cross road								
		2	112.00	0.90	0.25	50.40			
	Parallel road								
		2	32.00	0.90	0.25	14.40			
	Munikondappa Layout 5th cross road								
		2	117.00	0.90	0.25	52.65			
	Munikondappa Layout 6th cross road								
		2	132.00	0.90	0.25	59.40			
	Munikondappa Layout 1st main road								
		2	194.00	0.90	0.25	87.30			
	Parallel road								
		2	36.00	0.90	0.25	16.20			
	Munikondappa Layout 1st main 1st cross road								
		2	354.00	0.90	0.25	159.30			
	1st cross road								
		2	80.00	0.90	0.25	36.00			
	2nd cross road								
		2	81.00	0.90	0.25	36.45			
	3rd cross road								
		2	80.00	0.90	0.25	36.00			
	4th cross road								
		2	80.00	0.90	0.25	36.00			
	5th cross road								
		2	75.00	0.90	0.25	33.75			
	7th A cross Defence Colony Shiva Temple								
		2	273.00	0.90	0.25	122.85			
	19th cross Bagalagunte								
		2	148.00	0.90	0.25	66.60			
	17th cross Bagalagunte								
		2	150.00	0.90	0.25	67.50			
	14th cross Bagalagunte								
		2	104.00	0.90	0.25	46.80			
	12th cross road Bagalagunte								
		2	173.00	0.90	0.25	77.85			
	10th cross Bagalagunte Spoorthi English High School								
		2	130.00	0.90	0.25	58.50			
	C Narayana Layout								
	widio Poornaprajna School 1st Main road								
		2	210.00	0.90	0.25	94.50			
	Cross road 1								
		2	45.00	0.90	0.25	20.25			
	Cross road 2								
		2	47.00	0.90	0.25	21.15			
	Cross road 3								
		2	45.00	0.90	0.25	20.25			
	Cross road 4								
		2	47.00	0.90	0.25	21.15			
	Shree kuvempunagara Main Road								
		2	117.00	0.90	0.25	52.65			
	Shree kuvempunagara 1st cross Road								
		2	130.00	0.90	0.25	58.50			
	Shree kuvempunagara 2nd cross Road								
		2	128.60	0.90	0.25	57.87			
	B/w 1st & 2nd cross								
		2	23.00	0.90	0.25	10.35			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	Munikondappa layout main road & havanoor layout main road								
	6th main High Tension wire Road	2	306.80	0.90	0.25	138.06			
		2	345.00	0.90	0.25	155.25			
					Total Qty	5075.07	Cum		
			As per Agreement Qty			2561.45	Cum	247.55	634086.95
			Upto 125% Qty			640.36	Cum	247.55	158521.74
			Above 125% Qty			1873.26	Cum	236.60	443215.09
4	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means .A. Lime Concrete, cement concrete grade M-10 a								
		Not Executed							
		Schedule B Qty				359.64	Cum	608.16	0.00
5	Plain cement concrete 1:3:6 mix with crushed stone aggregates 40mm nominal size mechanically mixed placed in foundation and compacted by vibration including curing complete as per specifications.								
		Not Executed							
		Schedule B Qty				89.91	Cum	4703.54	0.00
6	Providng and laying plain reinforcd cement concrete forside drain using m20 nominal mix concrete with opc at 300 kg with 20 mm and down size granite metel coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed								
		Not Executed							
		Schedule B Qty				404.6	Cum	7423.71	0.00
7	Providing T.M.T. steel reinforcement for R.C,C work including straightening. cutting. bending. hooking. placing in position. lapping and or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including cost of materaial ,labour , HOM complete as per specifications. MORTH specifications. No.1600 & 2200-do-TMT Bars Fe 500								
		Not Executed							
		Schedule B Qty				28.32	MT	77691.85	0.00
8	Providing & laying RCC Drain Slab of 100mm (DATA RATE)								
	Qty Vide Item No 1 Missing & Broken slabs					1740.02			
					Total Qty	1740.02	Sqm		
			As per Agreement Qty			972.00	Sqm	2318.40	2253484.80
			Upto 125% Qty			243.00	Sqm	2318.40	563371.20
			Above 125% Qty			525.02	Sqm	2337.00	1226981.09
9	Providing and fixing pre cast solid concrete kerb size 450x150x500 mm out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete								
		Not Executed							
		Schedule B Qty				6104.00	Nos	490.83	0.00
10	Providing and applying spray painting in two coats (excluding priming c o a t) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications								
		Not Executed							
		Schedule B Qty				1098.00	Sqm	61.22	0.00

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
11	**Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8**								
		Not Executed							
		Schedule B Qty				**1098.00**	**Sqm**	**89.04**	**0.00**
12	**KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.**								
	For Asphalt road								
	Muneshwaranagara 1st main road								
		1	231.00	5.50		1270.50			
	Muneshwaranagara 4th cross road								
		1	116.00	4.20		487.20			
	Munikondappa Layout 1st cross road								
		1	183.00	4.50		823.50			
	Munikondappa Layout 2nd cross road								
		1	270.00	5.20		1404.00			
	Parallel road 1st & 2nd Cross								
		1	72.00	4.30		309.60			
	Munikondappa Layout 3rd cross road								
		1	166.00	4.00		664.00			
	Munikondappa Layout 4th cross road								
		1	112.00	4.00		448.00			
	Parallel road								
		1	32.00	4.50		144.00			
	Munikondappa Layout 5th cross road								
		1	117.00	4.50		526.50			
	Munikondappa Layout 6th cross road								
		1	132.00	3.50		462.00			
	Munikondappa Layout 1st main road								
		1	194.00	5.60		1086.40			
	Parallel road								
		1	36.00	3.80		136.80			
	Munikondappa Layout 1st main 1st cross road								
		1	354.00	4.60		1628.40			
	1st cross road								
		1	80.00	4.50		360.00			
	2nd cross road								
		1	81.00	4.40		356.40			
	3rd cross road								
		1	80.00	4.00		320.00			
	4th cross road								
		1	80.00	4.00		320.00			
	5th cross road								
		1	75.00	4.80		360.00			
	7th A cross Defence Colony Shiva Temple								
		1	273.00	4.50		1228.50			
	19th cross Bagalagunte								
		1	148.00	4.20		621.60			
	17th cross Bagalagunte								
		1	150.00	3.80		570.00			
	14th cross Bagalagunte								
		1	104.00	4.80		499.20			
	12th cross road Bagalagunte								
		1	173.00	4.70		813.10			
	C Narayana Layout								
	widio Poornaprajna School 1st Main road								
		1	210.00	5.50		1155.00			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	Cross road 1								
		1	45.00	4.50		202.50			
	Cross road 2								
		1	47.00	5.00		235.00			
	Cross road 3								
		1	45.00	4.90		220.50			
	Cross road 4								
		1	47.00	4.50		211.50			
	Shree kuvempunagara Main Road								
		1	117.00	4.80		561.60			
	Shree kuvempunagara 1st cross Road								
		1	130.00	4.30		559.00			
	Shree kuvempunagara 2nd cross Road								
		1	128.60	4.70		604.42			
	B/w 1st & 2nd cross								
		1	23.00	3.40		78.20			
	Munikondappa layout main road & havanoor layout main road								
		1	306.80	6.00		1840.80			
	6th main High Tension wire Road								
		1	345.00	11.60		4002.00			
			Total Qty			24510.22	Sqm		
			As per Agreement Qty			13712.30	Sqm	5.57	76377.51
			Upto 125% Qty			3428.08	Sqm	5.57	19094.38
			Above 125% Qty			7369.85	Sqm	5.56	41009.28
13	**Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406**								
	For Asphalt road								
	Muneshwaranagara 1st main road								
		2	231.00	0.90	0.20	83.16			
	Muneshwaranagara 4th cross road								
		2	116.00	0.90	0.20	41.76			
	Munikondappa Layout 1st cross road								
		2	183.00	0.90	0.20	65.88			
	Munikondappa Layout 2nd cross road								
		2	270.00	0.90	0.20	97.20			
	Parallel road 1st & 2nd Cross								
		2	72.00	0.90	0.20	25.92			
	Munikondappa Layout 3rd cross road								
		2	166.00	0.90	0.20	59.76			
	Munikondappa Layout 4th cross road								
		2	112.00	0.90	0.20	40.32			
	Parallel road								
		2	32.00	0.90	0.20	11.52			
	Munikondappa Layout 5th cross road								
		2	117.00	0.90	0.20	42.12			
	Munikondappa Layout 6th cross road								
		2	132.00	0.90	0.23	54.65			
	Munikondappa Layout 1st main road								
		2	194.00	0.90	0.20	69.84			
	Parallel road								
		2	36.00	0.90	0.20	12.96			
	Munikondappa Layout 1st main 1st cross road								
		2	354.00	0.90	0.23	146.56			
	1st cross road								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		2	80.00	0.90	0.20	28.80			
	2nd cross road								
		2	81.00	0.90	0.20	29.16			
	3rd cross road								
		2	80.00	0.90	0.20	28.80			
	4th cross road								
		2	80.00	0.90	0.21	30.24			
	5th cross road								
		2	75.00	0.90	0.20	27.00			
	7th A cross Defence Colony Shiva Temple								
		2	273.00	0.90	0.20	98.28			
	19th cross Bagalagunte								
		2	148.00	0.90	0.20	53.28			
	17th cross Bagalagunte								
		2	150.00	0.90	0.20	54.00			
	14th cross Bagalagunte								
		2	104.00	0.90	0.20	37.44			
	12th cross road Bagalagunte								
		2	173.00	0.90	0.20	62.28			
	10th cross Bagalagunte Spoorthi English High School								
		2	130.00	0.90	0.20	46.80			
	C Narayana Layout								
	widio Poornaprajna School 1st Main road								
		2	210.00	0.90	0.20	75.60			
	Cross road 1								
		2	45.00	0.90	0.20	16.20			
	Cross road 2								
		2	47.00	0.90	0.20	16.92			
	Cross road 3								
		2	45.00	0.90	0.20	16.20			
	Cross road 4								
		2	47.00	0.90	0.20	16.92			
	Shree kuvempunagara Main Road								
		2	117.00	0.90	0.20	42.12			
	Shree kuvempunagara 1st cross Road								
		2	130.00	0.90	0.20	46.80			
	Shree kuvempunagara 2nd cross Road								
		2	128.60	0.90	0.20	46.30			
	B/w 1st & 2nd cross								
		2	23.00	0.90	0.20	8.28			
	Munikondappa layout main road & havanoor layout main road								
		2	306.80	0.90	0.20	110.45			
	6th main High Tension wire Road								
		2	345.00	0.90	0.20	124.20			
			Total Qty			**1767.71**	**Cum**		
			As per Agreement Qty			**1213.94**	**Cum**	**2101.34**	**2550900.68**
			Upto 125% Qty			**303.49**	**Cum**	**2101.34**	**637725.17**
			Balance Qty			**250.28**	**Cum**	**2101.34**	**525929.68**
14	**Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502**								
	For Asphalt road								
	Muneshwaranagara 1st main road								
		2	231.00	0.90		415.80			
	Muneshwaranagara 4th cross road								
		2	116.00	0.90		208.80			
	Munikondappa Layout 1st cross road								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		2	183.00	0.90		329.40			
	Munikondappa Layout 2nd cross road								
		2	270.00	0.90		486.00			
	Parallel road 1st & 2nd Cross								
		2	72.00	0.90		129.60			
	Munikondappa Layout 3rd cross road								
		2	166.00	0.90		298.80			
	Munikondappa Layout 4th cross road								
		2	112.00	0.90		201.60			
	Parallel road								
		2	32.00	0.90		57.60			
	Munikondappa Layout 5th cross road								
		2	117.00	0.90		210.60			
	Munikondappa Layout 6th cross road								
		2	132.00	0.90		237.60			
	Munikondappa Layout 1st main road								
		2	194.00	0.90		349.20			
	Parallel road								
		2	36.00	0.90		64.80			
	Munikondappa Layout 1st main 1st cross road								
		2	354.00	0.90		637.20			
	1st cross road								
		2	80.00	0.90		144.00			
	2nd cross road								
		2	81.00	0.90		145.80			
	3rd cross road								
		2	80.00	0.90		144.00			
	4th cross road								
		2	80.00	0.90		144.00			
	5th cross road								
		2	75.00	0.90		135.00			
	7th A cross Defence Colony Shiva Temple								
		2	273.00	0.90		491.40			
	19th cross Bagalagunte								
		2	148.00	0.90		266.40			
	17th cross Bagalagunte								
		2	150.00	0.90		270.00			
	14th cross Bagalagunte								
		2	104.00	0.90		187.20			
	12th cross road Bagalagunte								
		2	173.00	0.90		311.40			
	10th cross Bagalagunte Spoorthi English High School								
		2	130.00	0.90		234.00			
	C Narayana Layout								
	widio Poornaprajna School 1st Main road								
		2	210.00	0.90		378.00			
	Cross road 1								
		2	45.00	0.90		81.00			
	Cross road 2								
		2	47.00	0.90		84.60			
	Cross road 3								
		2	45.00	0.90		81.00			
	Cross road 4								
		2	47.00	0.90		84.60			
	Shree kuvempunagara Main Road								
		2	117.00	0.90		210.60			
	Shree kuvempunagara 1st cross Road								
		2	130.00	0.90		234.00			
	Shree kuvempunagara 2nd cross Road								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
		2	128.60	0.90		231.48			
	B/w 1st & 2nd cross								
		2	23.00	0.90		41.40			
	Munikondappa layout main road & havanoor layout main road								
		2	306.80	0.90		552.24			
	6th main High Tension wire Road								
		2	345.00	0.90		621.00			
			Total Qty			8700.12	Sqm		
			As per Agreement Qty			5278.00	Sqm	31.16	164462.48
			Upto 125% Qty			1319.50	Sqm	31.16	41115.62
			Above 125% Qty			2102.62	Sqm	35.61	74879.78
15	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting thehot mix to worksite, laying to the required grade, level and alignment, rolling with, smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. MORTH Specification No. 507								
	For Asphalt road								
	Muneshwaranagara 1st main road								
		2	231.00	0.90	0.05	20.79			
	Muneshwaranagara 4th cross road								
		2	116.00	0.90	0.05	10.44			
	Munikondappa Layout 1st cross road								
		2	183.00	0.90	0.05	16.47			
	Munikondappa Layout 2nd cross road								
		2	270.00	0.90	0.05	24.30			
	Parallel road 1st & 2nd Cross								
		2	72.00	0.90	0.05	6.48			
	Munikondappa Layout 3rd cross road								
		2	166.00	0.90	0.05	14.94			
	Munikondappa Layout 4th cross road								
		2	112.00	0.90	0.05	10.08			
	Parallel road								
		2	32.00	0.90	0.05	2.88			
	Munikondappa Layout 5th cross road								
		2	117.00	0.90	0.05	10.53			
	Munikondappa Layout 6th cross road								
		2	132.00	0.90	0.05	11.88			
	Munikondappa Layout 1st main road								
		2	194.00	0.90	0.05	17.46			
	Parallel road								
		2	36.00	0.90	0.05	3.24			
	Munikondappa Layout 1st main 1st cross road								
		2	354.00	0.90	0.05	31.86			
	1st cross road								
		2	80.00	0.90	0.05	7.20			
	2nd cross road								
		2	81.00	0.90	0.05	7.29			
	3rd cross road								
		2	80.00	0.90	0.05	7.20			
	4th cross road								
		2	80.00	0.90	0.05	7.20			
	5th cross road								
		2	75.00	0.90	0.05	6.75			
	7th A cross Defence Colony Shiva Temple								
		2	273.00	0.90	0.05	24.57			
	19th cross Bagalagunte								
		2	148.00	0.90	0.05	13.32			
	17th cross Bagalagunte								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	14th cross Bagalagunte	2	150.00	0.90	0.05	13.50			
	12th cross road Bagalagunte	2	104.00	0.90	0.05	9.36			
	10th cross Bagalagunte Spoorthi English High School	2	173.00	0.90	0.05	15.57			
	C Narayana Layout	2	130.00	0.90	0.05	11.70			
	widio Poornaprajna School 1st Main road	2	210.00	0.90	0.05	18.90			
	Cross road 1	2	45.00	0.90	0.05	4.05			
	Cross road 2	2	47.00	0.90	0.05	4.23			
	Cross road 3	2	45.00	0.90	0.05	4.05			
	Cross road 4	2	47.00	0.90	0.05	4.23			
	Shree kuvempunagara Main Road	2	117.00	0.90	0.05	10.53			
	Shree kuvempunagara 1st cross Road	2	130.00	0.90	0.05	11.70			
	Shree kuvempunagara 2nd cross Road	2	128.60	0.90	0.05	11.57			
	B/w 1st & 2nd cross	2	23.00	0.90	0.05	2.07			
	Munikondappa layout main road & havanoor layout main road	2	306.80	0.90	0.05	27.61			
	6th main High Tension wire Road	2	345.00	0.90	0.05	31.05			
			Total Qty			**435.01**	**Cum**		
			As per Agreement Qty			**392.65**	**Cum**	**6690.24**	**2626922.74**
			Balance Qty			**42.36**	**Sqm**	**6690.24**	**283371.81**
16	**KSRRB 500-9. Providing and applying tack coat using 80/100 grade Sqm bitumen(VG10) on granular base such as WBM surfaces hot bitumen primed at 4 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5**								
	Muneshwaranagara 1st main road	1	231.00	5.50		1270.50			
	Muneshwaranagara 4th cross road	1	116.00	4.20		487.20			
	Munikondappa Layout 1st cross road	1	183.00	4.50		823.50			
	Munikondappa Layout 2nd cross road	1	270.00	5.20		1404.00			
	Parallel road 1st & 2nd Cross	1	72.00	4.30		309.60			
	Munikondappa Layout 3rd cross road	1	166.00	4.00		664.00			
	Munikondappa Layout 4th cross road	1	112.00	4.00		448.00			
	Parallel road	1	32.00	4.50		144.00			
	Munikondappa Layout 5th cross road	1	117.00	4.50		526.50			
	Munikondappa Layout 6th cross road	1	132.00	3.50		462.00			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	Munikondappa Layout 1st main road								
	Parallel road	1	194.00	5.60		1086.40			
	Munikondappa Layout 1st main 1st cross road	1	36.00	3.80		136.80			
	1st cross road	1	354.00	4.60		1628.40			
	2nd cross road	1	80.00	4.50		360.00			
	3rd cross road	1	81.00	4.40		356.40			
	4th cross road	1	80.00	4.00		320.00			
	5th cross road	1	80.00	4.00		320.00			
	7th A cross Defence Colony Shiva Temple	1	75.00	4.80		360.00			
	19th cross Bagalagunte	1	273.00	4.50		1228.50			
	17th cross Bagalagunte	1	148.00	4.20		621.60			
	14th cross Bagalagunte	1	150.00	3.80		570.00			
	12th cross road Bagalagunte	1	104.00	4.80		499.20			
	C Narayana Layout	1	173.00	4.70		813.10			
	widio Poornaprajna School 1st Main road	1	210.00	5.50		1155.00			
	Cross road 1	1	45.00	4.50		202.50			
	Cross road 2	1	47.00	5.00		235.00			
	Cross road 3	1	45.00	4.90		220.50			
	Cross road 4	1	47.00	4.50		211.50			
	Shree kuvempunagara Main Road	1	117.00	4.80		561.60			
	Shree kuvempunagara 1st cross Road	1	130.00	4.30		559.00			
	Shree kuvempunagara 2nd cross Road	1	128.60	4.70		604.42			
	B/w 1st & 2nd cross	1	23.00	3.40		78.20			
	Munikondappa layout main road & havanoor layout main road	1	306.80	6.00		1840.80			
	6th main High Tension wire Road	1	345.00	11.60		4002.00			
			Total Qty			**24510.22**	**Sqm**		
			As per Agreement Qty			**27424.60**	**Sqm**		
			As Per Executed Qty			**24510.22**	**Sqm**	**13.36**	**327456.54**
17	**KSRKB M506-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509**								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	Muneshwaranagara 1st main road	1	231.00	5.50	0.04	50.82			
	Muneshwaranagara 4th cross road	1	116.00	4.20	0.04	19.49			
	Munikondappa Layout 1st cross road	1	183.00	4.50	0.04	32.94			
	Munikondappa Layout 2nd cross road	1	270.00	5.20	0.04	56.16			
	Parallel road 1st & 2nd Cross	1	72.00	4.30	0.04	12.38			
	Munikondappa Layout 3rd cross road	1	166.00	4.00	0.04	26.56			
	Munikondappa Layout 4th cross road	1	112.00	4.00	0.04	17.92			
	Parallel road	1	32.00	4.50	0.04	5.76			
	Munikondappa Layout 5th cross road	1	117.00	4.50	0.04	21.06			
	Munikondappa Layout 6th cross road	1	132.00	3.50	0.04	18.48			
	Munikondappa Layout 1st main road	1	194.00	5.60	0.04	43.46			
	Parallel road	1	36.00	3.80	0.04	5.47			
	Munikondappa Layout 1st main 1st cross road	1	354.00	4.60	0.04	65.14			
	1st cross road	1	80.00	4.50	0.04	14.40			
	2nd cross road	1	81.00	4.40	0.04	14.26			
	3rd cross road	1	80.00	4.00	0.04	12.80			
	4th cross road	1	80.00	4.00	0.04	12.80			
	5th cross road	1	75.00	4.80	0.04	14.40			
	7th A cross Defence Colony Shiva Temple	1	273.00	4.50	0.04	49.14			
	19th cross Bagalagunte	1	148.00	4.20	0.04	24.86			
	17th cross Bagalagunte	1	150.00	3.80	0.04	22.80			
	14th cross Bagalagunte	1	104.00	4.80	0.04	19.97			
	12th cross road Bagalagunte	1	173.00	4.70	0.04	32.52			
	C Narayana Layout								
	widio Poornaprajna School 1st Main road	1	210.00	5.50	0.04	46.20			
	Cross road 1	1	45.00	4.50	0.04	8.10			
	Cross road 2	1	47.00	5.00	0.04	9.40			
	Cross road 3	1	45.00	4.90	0.04	8.82			
	Cross road 4	1	47.00	4.50	0.04	8.46			
	Shree kuvempunagara Main Road	1	117.00	4.80	0.04	22.46			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	Shree kuvempunagara 1st cross Road								
		1	130.00	4.30	0.04	22.36			
	Shree kuvempunagara 2nd cross Road								
		1	128.60	4.70	0.04	24.18			
	B/w 1st & 2nd cross								
		1	23.00	3.40	0.04	3.13			
	Munikondappa layout main road & havanoor layout main road								
		1	306.80	6.00	0.04	73.63			
	6th main High Tension wire Road								
		1	345.00	11.60	0.04	160.08			
			Total Qty			980.41	Cum		
			As per Agreement Qty			548.49	Cum	8656.91	4748228.57
			Upto 125% Qty			137.12	Cum	8656.91	1187057.14
			Above 125% Qty			294.80	Cum	10753.89	3170208.37
18	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803								
	Muneshwaranagara 1st main road								
		2	210.00	0.10		42.00			
	Muneshwaranagara 4th cross road								
		2	116.00	0.10		23.20			
	Munikondappa Layout 1st cross road								
		2	175.00	0.10		35.00			
	Munikondappa Layout 2nd cross road								
		2	250.00	0.10		50.00			
	Parallel road 1st & 2nd Cross								
		2	72.00	0.10		14.40			
	Munikondappa Layout 3rd cross road								
		2	166.00	0.10		33.20			
	Munikondappa Layout 4th cross road								
		2	112.00	0.10		22.40			
	Parallel road								
		2	32.00	0.10		6.40			
	Munikondappa Layout 5th cross road								
		2	117.00	0.10		23.40			
	Munikondappa Layout 6th cross road								
		2	132.00	0.10		26.40			
	Munikondappa Layout 1st main road								
		2	194.00	0.10		38.80			
	Parallel road								
		2	36.00	0.10		7.20			
	Munikondappa Layout 1st main 1st cross road								
		2	325.00	0.10		65.00			
	2nd cross road								
		2	81.00	0.15		24.30			
	7th A cross Defence Colony Shiva Temple								
		2	250.00	0.10		50.00			
	19th cross Bagalagunte								
		2	148.00	0.10		29.60			
	17th cross Bagalagunte								
		2	150.00	0.10		30.00			
	14th cross Bagalagunte								
		2	104.00	0.10		20.80			
	12th cross road Bagalagunte								
		2	150.00	0.10		30.00			
	C Narayana Layout								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	As per Approved Schedule-B Rate	Amount
	Vidya Poornaprajna School 1st Main road								
		2	200.00	0.10		40.00			
	Shree karyampuragara Main Road								
		2	120.00	0.10		24.00			
	Shree karyampuragara 1st cross Road								
		2	130.00	0.15		39.00			
	Shree karyampuragara 2nd cross Road								
		2	128.00	0.15		38.40			
	Munikondappa layout main road & havanoor layout main road								
		2.5	200.00	0.10		50.00			
	6th main High Tension wire Road								
		2.5	240.00	0.10		60.00			
			Total Qty			823.50	Sqm		
			As per Agreement Qty			659.75	Sqm	477.48	315017.43
			Balance Qty			163.75	Sqm	477.48	78187.35
								Actual Cost	22960949.97
								As Per Tender Cost	22966761.00

Certificate:

1. The Work spot has been inspected and the work found to be necessary.
2. The Area comes within the Bruhath Bengaluru Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for the Year 2018-19.
4. The Provisions made in the estimate are necessary and essential.

Assistant Engineer
Ward No.14

Asst. Executive Engineer,
T Dasarahalli Sub division,

Executive Engineer,
Dasarahalli Division

Technically ... Rs.....
Rs. In words
Under .....
Job Code No.
Registered as CT No.
AE/JE.

Technically Sanctioned for Rs. 229.60 Lakhs/-
Rs. In words Rs. TWO CRORES Thirty Nine Lakh Sixty Thousand Nine Hundred Seventy Only
Under ..... R- 2.4.15 .....
Job Code No. 014-2019-000224
Registered as CT No. 64/21-22 Subject to conditions contained in my letter No. ...
AE/JE
CE(D)